

# John (Mac) McCann

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Front-end leaning full stack engineer finishing a 1 year music master's degree in June, looking for mid+ level roles in NYC.

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## EXPERIENCE

**TruckSmarter**, San Francisco, CA - *Software Engineer*

**June 2022 - June 2024**

### **Factoring Growth** (May 2024 - Present)

- Tech lead on a team of 4 engineers working on growing new users and gross margin of our revenue-generative product

### **Platform Growth** (July 2023 - May 2024)

- Founding engineer of the growth team
- Increased 1st week retention by 20 percentage points and increased weekly new users by 44%.
- Built an additional monitoring system for the marketplace product that uncovered broken integrations.
- Developed a referral system to boost word-of-mouth engagement with TruckSmarter and help cross-sell new users into revenue generating products.
- Spearheaded an automated onboarding system for our marketplace verification, resulting in a 10%+ increase in cohort retention.
- Revamped and migrated accounts to a new signup and login system using phone verification and OAuth

### **Fuel**

- Spearheaded development of TruckSmarter's fuel product, generating \$X0 million+ revenue within the first year.
- Became frontend lead for the project after the initial build, iterating on the in-app experience.
- Built an always-on kiosk for transaction management installed on tablets in truck stops.
- Developed an anti-fraud system, completely mitigating our fraud incidents while keeping a 99%+ passthrough rate.
- Wrote features such as credits, loyalty program integration, and user feedback.
- Dove deep on payments infrastructure and React Native mapping performance.

**Meta**, Menlo Park, CA - *Software Engineer*

**August 2020 - June 2022**

- Scoped work for and led multiple engineers to unify identity management experiences across the Meta family of apps.
- Modernized data flows and UI to improve company core metrics (profile photo change success, name change success).
- Led tests and launches of new cross-app experiences, worked across teams and roles to ensure stakeholder signoff.
- Built end-to-end testing infrastructure, tested our core flows.
- Provided capacity estimates to ensure server usage was in scope.

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## PERSONAL PROJECTS

### **4bars**

4bars is a collaborative music editor I developed and currently maintain. I used conflict-free replicated data types on the backend and WebGL on the frontend.

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## EDUCATION

### **Berklee NYC**

**August 2024 - June 2025**

Songwriting and Production, focusing on electronic music under the name Karrior

### **Brown University**

**September 2016 - May 2020**

Computer Science and Economics, Teaching Assistant for Software Engineering, Theory of Computation

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## TECHNICAL SKILLS

### **Programming Languages**

JavaScript/TypeScript, Java, Python, PHP/Hack, HTML, CSS, C, C++, x86 Assembly, Racket, OCaml

### **Technologies**

Node.js, React/React Native, SQL, REST API, Apache FreeMarker, Unix Programming, Airflow, MongoDB, Express, AWS, GCP